SUBSTITUTE FORM PTO-1449
(MODIFIED)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NOR-1146SERIAL NO.
10/697,193INFORMATION DISCLOSURE
STATEMENT BY APPLICANTAPPLICANT
Acum et al.

(37 CFR 1.98(b))

(Use several sheets if necessary)

FILING DATE
October 30, 2003GROUP
1734

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER								ISSUE DATE	PATENTEE	CLASS	SUBCLASS		FILING DATE IF APPROPRIATE
H 10	A.A	4	4	7	8	3	7	0	10/1984	Hastings				
	A.B	4	7	8	5	9	9	6	11/1988	Ziecker et al.				
	A.C	4	9	1	1	9	5	6	03/1990	Gabryszewski et al.				
	A.D	4	9	7	0	9	8	5	11/1990	Slautterback				
	A.E	5	0	6	5	9	4	3	11/1991	Boger et al.				
	A.F	5	1	1	4	7	5	2	05/1992	Hall				
	A.G	5	1	6	9	0	7	1	12/1992	Boger et al.				
	A.H	5	3	2	2	5	6	4	06/1994	Ludwig et al.				
	A.I													
	A.J													
A.K														

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
A.L						
A.M						
A.N						
A.O						
A.P						
A.Q						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

A.R	
A.S	
A.T	

EXAMINER

DATE CONSIDERED

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NOR-1146		SERIAL NO. 10/697,193								
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Acum et al.		FILING DATE October 30, 2003								
				GROUP 1734										
U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
Fa	A.A	4	8	0	1	0	5	1	01/1989	Lewis et al.				
	A.B	4	8	1	5	6	6	0	03/1989	Boger				
	A.C	4	9	6	9	6	0	2	11/1990	Scholl				
	A.D	5	0	5	2	3	3	8	10/1991	Maiorca et al.				
	A.E	5	1	4	1	1	6	5	08/1992	Sharpless et al.				
	A.F	5	1	8	6	9	8	2	02/1993	Blette et al.				
	A.G	5	1	9	4	1	1	5	03/1993	Ramspeck et al.				
	A.H	5	2	9	2	0	6	8	03/1994	Rateman et al.				
	A.I	5	2	9	4	4	5	9	03/1994	Hogan et al.				
	A.J	5	4	3	1	3	4	3	07/1995	Kubiak et al.				
	A.K	5	7	9	4	8	2	5	08/1998	Gordon et al.				
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS														
		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)							
	A.L													
	A.M													
	A.N													
	A.O													
	A.P													
	A.Q													
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)														
Fa	A.R	Precision Valve & Automation, <u>Valves, Controllers, Tanks & Accessories, Manual Fluid Dispensing Systems</u> , Product Brochure, no date												
	A.S	Asymtek®, a Nordson Company, <u>Selective Conformal Coating System, Century® C-740 System Specifications</u> , Published June 2003												
	A.T	Nordson Corporation, <u>Swirl Coat® Dispense Head, Swirl Coating Specifications</u> , May 1999												
EXAMINER					DATE CONSIDERED									
[Signature]					5/31/05									
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PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
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~~10/697,202~~INFORMATION DISCLOSURE
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10/697,193

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1734

(37 CFR 1.98(b))

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
E.R.	B.A.	5	7	9	5	3	9	0	08/1998	Cavallaro			
	B.B.	5	8	1	9	9	8	3	10/1998	White et al.			
	B.C.	5	8	3	7	8	9	2	11/1998	Cavallaro et al.			
	B.D.	5	8	7	3	5	2	8	02/1999	Lewis et al.			
	B.E.	5	9	3	4	5	2	0	08/1999	Byerly et al.			
	B.F.	6	1	3	2	8	0	9	10/2000	Hynes et al.			
	B.G.	6	1	7	0	7	6	0	01/2001	Bievenue et al.			
	B.H.	6	1	9	6	5	2	1	03/2001	Hynes et al.			
	B.I.	6	3	2	5	8	5	3	12/2001	Hogan et al.			
	B.J.	6	4	4	7	8	4	7	09/2002	Hynes et al.			
	B.K.	6	5	2	3	7	5	7	02/2003	Bievenue et al.			

FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	B.L.						
	B.M.						
	B.N.						
	B.O.						
	B.P.						
	B.Q.						

OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	B.R.	
	B.S.	
	B.T.	

EXAMINER

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5/31/25

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	C.A	7 2 1 9 0 0	03/1903	Lassoe et al.			
	C.B	R E 3 3 4 8 1	12/1990	Ziecker et al.			
	C.C						
	C.D						
	C.E						
	C.F						
	C.G						
	C.H						
	C.I						
	C.J						
	C.K						

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	C.N					
	C.O					
	C.P					
	C.Q					

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	C.R	
	C.S	
	C.T	

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